

Converting Colors

Hex(35FFD6)

Have a look what the booklet for
Hex(35FFD6) contains.

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Color

Hex(35FFD6)

Conversions

Conversions Part 1

Format	Color
Hex	35FFD6
RGB	53, 255, 214
RGB Percent	21%, 100%, 84%
CMY	0.7922, 0.0000, 0.1608
CMYK	0.79, 0.00, 0.16, 0.00
HSL	168°, 100%, 60%
HSV	168°, 79%, 100%
XYZ	49.3658, 77.1319, 75.9044
YIQ	189.9280, -107.2310, -55.5750

Conversions

Conversions Part 2

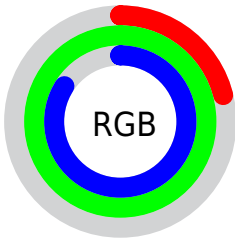
Format	Color
R _{YB}	53, 165, 255
Decimal	3538902
CIE _{Lab}	90.38, -56.63, 6.08
CIE _{LCh}	90, 56.956, 173.871
Y _{xy}	77.1319, 0.2439, 0.3811
Android (android.graphics.Color)	4281728982 (0xFF35FFD6)
YUV	189.9280, 11.8675, -120.0859
Hunter-Lab	87.8248, -53.3596, 10.2347

Details

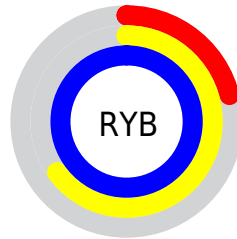
The Hex color **35FFD6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF355E**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **85FFFF**, and **00C59F** is the 20% darker color. If you saturate the color by 10%, you get **1BFFD1**, and if you desaturate by 10%, it is **4FFFDB**.

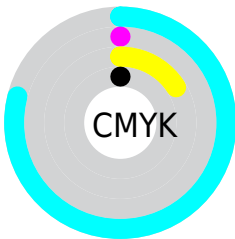
Distribution



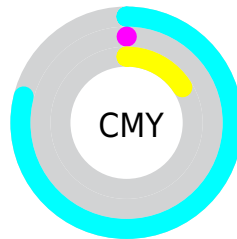
- Red (21%)
- Green (100%)
- Blue (84%)



- Red (21%)
- Yellow (65%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (79%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35FFD6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 35FFD6 by changing the saturation by 10% instead.

 35FFD6

FFFFFF

 85FFFF

 A6FFFF

 C6FFFF

 E6FFFF

 35FFD6

 00E2BA

 00C59F

 00A985

 008E6C

 007354

 00593D

 004027

 002913

 000300

 35FFD6

 35FFD6

 1BFFD1

 4FFFD6

 02FFCC

 68FFE0

 00FFCB

 82FFE6

 9BFFEB

 B4FFF0

 CEFFF5

 E8FFFA

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98F9A1



35FFD6



00FFFF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35FFD6



D7DAFF



FFC98D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35FFD6



FF355E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBABA



35FFD6



FFC5FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35FFD6



6FECFF



FFB8F1



FFDD75

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35FFD6



00FCFF



FFB8F1



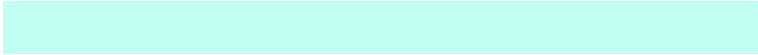
FFC39A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35FFD6



C2FFF3



61FF35



5B8078



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35FFD6



0DFFCE



35C6FF



73807D



00BF98



004033

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF355E



FF0D3E



FF6E35



807375



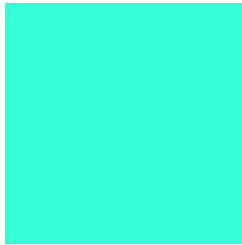
BF0027



40000D

Previews

White Background



This preview shows how the Hex color 35FFD6 looks on a white background.

Color Contrast Check

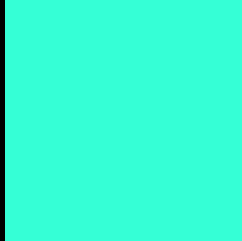
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 35FFD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

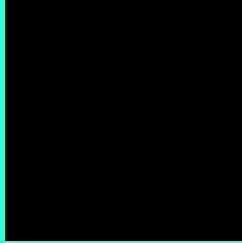
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

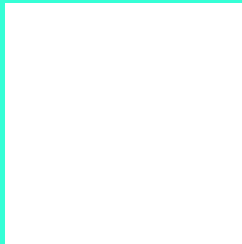
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 35FFD6 Background



This preview shows how black text looks on a background with the Hex color 35FFD6.

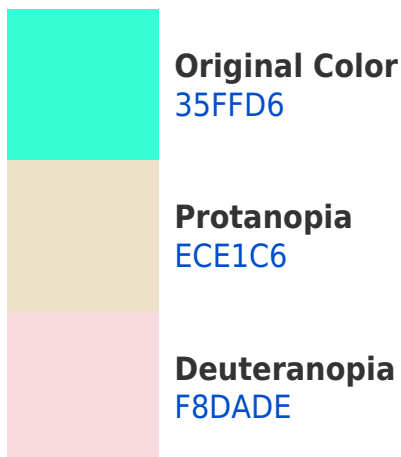


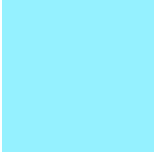
This preview shows how white text looks on a background with the Hex color 35FFD6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



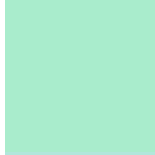


Tritanopia
95F1FF

Trichromacy



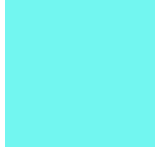
Original Color
35FFD6



Protanomaly
A9ECCC



Deuteranomaly
B1E7DB

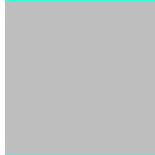


Tritanomaly
72F6F0

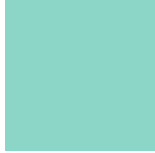
Monochromacy



Original Color
35FFD6



Achromatopsia
BEBEBE



Achromatomaly
8CD6C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 35FFD6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #35FFD6 looks like.

```
.text, #text, p{  
    color:#35FFD6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #35FFD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35FFD6
}
```

Border

The CSS property to change the border of an element to Hex 35FFD6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35FFD6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#35FFD6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #35FFD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35FFD6; -webkit-box-shadow:4px 4px  
4px 4px #35FFD6; box-shadow:4px 4px 4px  
4px #35FFD6 }
```

Background

The CSS property to change the background color of an element to Hex 35FFD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35FFD6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#35FFD6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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